

Claims:

1. (Currently Amended) A composite board comprising:
 - a foam core having upper and lower surfaces, wherein said foam core is selected from the group consisting of polyisocyanurate having an iso index above 200 and polyurethane having an iso index above 120 and mixtures thereof;
 - a filler material within said foam core selected from the group consisting of rubber-tire vents, EPDM scrap material, plastic chips, polyurethane scrap, polyisocyanurate scrap, scrap rubber from recycled tires, ~~wood chips, fiberglass strands~~ and mixtures thereof; and
 - a facer material applied to one of said surfaces of said foam core, where the facer is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof, ~~applied to one of said surfaces of said filled foam core.~~
2. (Previously presented) ~~[[A]]~~ The composite board, ~~as set forth in~~ of claim 1, wherein said foam core comprises polyisocyanurate.
- 3-4 (Cancelled)
5. (Previously presented) ~~[[A]]~~ The composite board, ~~as set forth in~~ of claim 1, further comprising a facer material applied to said other surface of said filled foam core.
6. (Previously presented) ~~[[A]]~~ The composite board, ~~as set forth in~~ of claim 5, wherein a substrate material is applied to said other surface of said filled foam core in lieu of said facer material.
7. (Original) ~~[[A]]~~ The composite board, ~~as set forth in~~ of claim 1, wherein a substrate material is applied to one of said surfaces of said filled foam core.

8-20 (Cancelled)

21. (Previously presented) ~~[[A]] The composite board, as set forth in~~ of claim 5, wherein said second facer material is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof.
22. Cancelled
23. (New) The composite board of claim 1, where the filler material comprises rubber-tire vents.
24. (New) The composite board of claim 1, where the filler material comprises EPDM scrap material.
25. (New) The composite board of claim 1, where the filler material comprises plastic chips.
26. (New) The composite board of claim 1, where the filler material comprises polyurethane scrap.
27. (New) The composite board of claim 1, where the filler material comprises polyisocyanurate scrap.
28. (New) The composite board of claim 1, where the filler material comprises scrap rubber from recycled tires.
29. (New) The composite board of claim 1, where said foam forms a continuous medium and said filler forms a discontinuous medium, and where said filler is fully dispersed within said foam.
30. (New) The composite board of claim 29, where the weight ratio of said filler material to said foam core is 1:0.5 to 1:100.

31. (New) The composite board of claim 1, where the composite board has a thickness of from about 1.2 to about 10.2 cm.

32. (New) A composite board comprising:

a foam core;

a filler material within said foam core selected from the group consisting of rubber-tire vents, EPDM scrap material, plastic chips, polyurethane scrap, polyisocyanurate scrap, scrap rubber from recycled tires, and mixtures thereof; and

a facer material applied to one of said surfaces of said foam core, where the facer is selected from the group consisting of polymer materials, reinforced polymer materials, reinforced cellulosic material, paper, aluminum foil and trilaminates thereof.

33. (New) The composite board of claim 32, where the foam core comprises polyisocyanurate.

34. (New) The composite board of claim 33, where the polyisocyanurate has an iso index above 200.

35. (New) The composite board of claim 32, where the foam core comprises polyurethane.

36. (New) The composite board of claim 35, where the foam core has a iso index above 120.